



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Universal Forest Products, Inc.
10300 NW 121 Way
Medley, Florida 33178

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Trap-Loc Wood Siding

APPROVAL DOCUMENT: Drawing No. none, titled "Trap-Loc Siding", sheets 1 through 5 of 5, dated June 12, 2014, prepared by Farley Engineering, LLC, signed and sealed by Frank W. Farley, P.E., on June 12, 2014, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 14-0127.11 and consists of this page 1 and evidence submitted page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
03/05/2015

NOA No. 15-0120.04
Expiration Date: 05/01/2019
Approval Date: 03/05/2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-0127.11

A. DRAWINGS

1. *Drawing No. none, titled "Trap-Loc Siding", sheets 1 through 5 of 5, dated April 16, 2014, prepared by Farley Engineering, LLC, signed and sealed by Frank W. Farley, P.E., on April 16, 2014.*

B. TESTS

1. *Test reports on 1) Uniform Static Air Pressure Test, per FBC TAS 202-94, 2) Cyclic Wind Pressure per FBC, TAS 203-94 along with marked-up drawings and installation diagram of Trap Loc Bevel Lap Siding, prepared by Fenestration Testing Laboratory, Inc., Test Report No. 7549, dated 10/24/2013, signed & sealed by Marlin D. Brinson, P.E.*

C. CALCULATIONS "Submitted under NOA # 08-0922.07"

1. *Wind Load Calculations Allowable Stress Design, dated 01/06/2014, prepared by Farley Engineering, LLC, signed and sealed by Frank W. Farley, P.E.*

D. QUALITY ASSURANCE

1. *Miami-Dade Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *Certificate of Inspection, Certificate # CT130911, dated 10/16/2013.*

F. STATEMENTS

1. *Statement letter of code conformance to 2010 FBC and no financial interest, dated 01/06/2014, issued, signed and sealed by Frank W. Farley, P.E.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. none, titled "Trap-Loc Siding", sheets 1 through 5 of 5, dated June 12, 2014, prepared by Farley Engineering, LLC, signed and sealed by Frank W. Farley, P.E., on June 12, 2014.*

B. TESTS

1. *None.*

C. CALCULATIONS

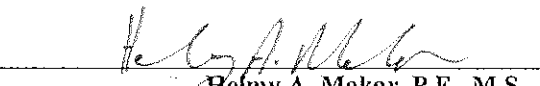
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*


Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 15-0120.04
Expiration Date: 05/01/2019
Approval Date: 03/05/2015

7/8" MAX STARTER COURSE
TO BE RIPPED FOR WIDTH
NAILED WITH SIDING
NAILS, 2" MAX FROM FREE EDGE
4" MAX O.C. VERTICAL SPACING

5/8" APA RATED GROUP 1 SYP
PLYWOOD ATTACHED TO THE STUDS
WITH 0.095"X2-1/2"LONGX0.225"Ø
HEAD S.S. RING SHANK NAILS
@6"O.C. ALL STUDS AND PLATES

TRAP-LOC® WOOD SIDING

Manufacturer:

Aljoma Lumber, Inc.
10300 NW 121 Way
Medley, Florida 33178

PRODUCT REVISED
as complying with the Florida
Building Code

Acceptance No. 15-0120.04
Expiration Date 05/21/2019

By *[Signature]*
Miami Dade Product Control

2X WOOD FRAMING @ 16" O.C.
SPECIFIC GRAVITY 0.42
MINIMUM.

(SPF=0.42)
(SYP=0.55)

THE DESIGN OF WOOD
FRAMING IS TO BE BY THE
BUILDING DESIGNER OF
RECORD

TRAP-LOC® SIDING TO BE:
#2 SYP Fb=1100psi
Fc(perp)=565psi(min) G=0.55
#2 CYPRESS Fb=825psi(min)
Fc(perp)=615psi(min)
G=0.47

NAIL BOTTOM FLANGE ONLY
W/ 0.099"X2-1/2" SIDING
NAIL W/ 0.25"Ø FULL HEAD
S.S. NAILS TO FURRING
LOCATED 3/4" FROM EA. END
AND ONE NAIL INTO
VERTICAL STUD

NAIL PER CHART PAGE 3 OF 5
INTO STUD

PROVIDE VAPOR BARRIER
OVER PLYWOOD PER
DESIGNER OF RECORD AND
CHAPTER 14, 2010 FBC

7/8" MAX. BOTTOM COURSE
PER TOP COURSE ABOVE

0.095"ØX2-1/2"LONGX0.225"Ø HEAD
S.S. RING SHANK NAIL TO PLATE
IN LINE WITH STUD

SEE SHEET 3 OF 5
FOR NAILS

APPLICATION TO
WOOD FRAMING

DESIGN CONFORMS TO:
2010 FLORIDA BUILDING CODE RESIDENTIAL SECTION 703.1.2
2010 FLORIDA BUILDING CODE CHAPTERS 16 AND 23
NATIONAL DESIGN STANDARDS NDS 2005
ASCE 7-10 SEC 29.4.2 AND CHAPTER 30

FRAME WALL DETAIL

6/12/14 REV. NAIL LENGTH

SCALE 3" = 1'-0"

Sheet 1 of 5

TRAP-LOC® SIDING
U.S. PATENT 7,712,277 B2
WOOD FRAMING DETAIL



FARLEY ENGINEERING, LLC.

Consulting Engineer #40111 - CA28108
8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958
(772) 589.6229 (772) 589.2296 fax

7/8" MAX STARTER COURSE TO BE RIPPED FOR WIDTH.
NAILED TO FURRING @ 4" O.C. MAX VERTICAL SPACING

TRAP-LOC® WOOD SIDING

Manufacturer:

Aljoma Lumber, Inc.
10300 NW 121 Way
Medley, Florida 33178

GROUTED OR HOLLOW CMU CONFORMING TO ASTM C-90
TO BE BY THE BUILDING DESIGNER OF RECORD

2X4 LAID FLAT #2 SYP PRESSURE
TREATED FURRING @ 16" OC

0.099" Ø X 1-1/2" S.S. SIDING NAIL WITH 1/4" Ø FULL HEAD
NAILS TO FURRING LOCATED 3/4" FROM EA. END AND ONE
NAIL INTO FURRING

NOTE: USE ONE NAIL EACH
PIECE OF SIDING AT SIDING
JOINTS FOR ALL DESIGN
PRESSURES IN CHART

TRAP-LOC® SIDING TO BE:
#2 SYP Fb=1100psi
Fc(perp)=565psi (min) G=0.55
#2 CYPRESS Fb=825psi (min)
Fc(perp)=615psi (min) G=0.47

PRODUCT REVISED

as complying with the Florida
Building Code

Acceptance No. 15-0120.04

Expiration Date 05/01/2019

By *Heidi A. Miller*
Miami Dodge Product Control



SIMPSON TITEN SCREW OR HILTI UNIVERSAL KNURLED
SHANK X-U POWER PIN 0.157" X 1" EMBED INTO CMU (NOT
WITHIN 1" OF BED OR HEAD JOINT) SPACE PER TABLE

7/8" MAX BOTTOM COURSE PER
STARTER COURSE ABOVE
ATTACHED W/ 0.095" Ø X 2-1/2"
LONG X 0.225" Ø HEAD S.S. RING
SHANK NAIL AT EA. FURRING
STRIP

APPLICATION TO PRESSURE
TREATED FURRING ON CMU

DESIGN CONFORMS TO:
2010 FLORIDA BUILDING CODE RESIDENTIAL SECTION 703.1.2
2010 FLORIDA BUILDING CODE CHAPTERS 16 AND 23
NATIONAL DESIGN STANDARDS NDS 2005
ASCE 7-10 SEC 29.4.2 AND CHAPTER 30

CMU WALL DETAIL

6/12/14

SCALE 3" = 1'-0"

Sheet 2 of 5

TRAP-LOC® SIDING
U.S. PATENT 7,712,277 B2
CMU WALL ATTACHMENT



FARLEY ENGINEERING, LLC.

Consulting Engineer #40111 - CA28108
8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958
(772) 589.6229 (772) 589.2296 fax

Manufacturer:
 Aljoma Lumber, Inc.
 10300 NW 121 Way
 Medley, Florida 33178

ASCE 7-10 MEAN ROOF HEIGHT 30' ENCLOSED GCpl +/- 0.18 DESIGN PRESSURE (NOMINAL) MAXIMUM ALLOWABLE NOMINAL DESIGN PRESSURE = +/-77.7 PSF				
NOMINAL D.P. +/- PSF	HILT X-U	TITEN 1/4" STEEL	TITEN 1/4" STAINLESS STEEL	TITEN 3/16" STEEL
77.7	8" O.C.	14" O.C.	12" O.C.	10" O.C.
73.5	8" O.C.	15" O.C.	13" O.C.	11" O.C.
69.4	9" O.C.	15" O.C.	14" O.C.	11" O.C.
62.9	10" O.C.	17" O.C.	15" O.C.	13" O.C.
59.6	10" O.C.	18" O.C.	16" O.C.	14" O.C.
56.2	11" O.C.	19" O.C.	17" O.C.	14" O.C.
51.8	12" O.C.	21" O.C.	19" O.C.	15" O.C.
50.4	12" O.C.	21" O.C.	19" O.C.	16" O.C.
49.8	12" O.C.	22" O.C.	19" O.C.	16" O.C.
42.0	15" O.C.	26" O.C.	23" O.C.	19" O.C.

ATTACHMENT CHART FOR #2SYP FURRING STRIPS TO ASTM C-90 CMU

TRAP-LOC® SIDING TO BE:
 #2 SYP Fb=1100psi
 Fc(perp)=565psi(min) G=0.55

 #2 CYPRESS Fb=825psi(min)
 Fc(perp)=615psi(min) G=0.47

ASCE 7-10 MEAN ROOF HEIGHT 30' ENCLOSED GCpl +/- 0.18 DESIGN PRESSURE (NOMINAL)		
NAIL .099" X 2-1/2"	#2 SYP STUD	#2 SPF STUD
PSF +/-	88	84.5
DESIGN OF STUDS AND PLYWOOD BY BUILDING ENGINEER OF RECORD DESIGN PRESSURES ARE FOR SIDING ONLY		

MAXIMUM DESIGN WIND/PRESSURE FOR ATTACHMENT TO WOOD STUDS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0129.04
 Expiration Date 05/21/2019
 By *[Signature]*
 Miami Dade Product Control



CHART MAY BE USED FOR OTHER
 WIND SPEEDS, EXPOSURES, AND
 MEAN ROOF HEIGHTS AS LONG AS
 NOMINAL PRESURES LISTED ARE
 NOT EXCEEDED.

TRAP-LOC® SIDING PROFILES
 TRAP-LOC® V-JOINT
 TRAP-LOC® DOUBLE BEADED CEILING
 TRAP-LOC® WP-04
 TRAP-LOC® WP-11
 TRAP-LOC® BEVEL LAP
 TRAP-LOC® 105 DROP

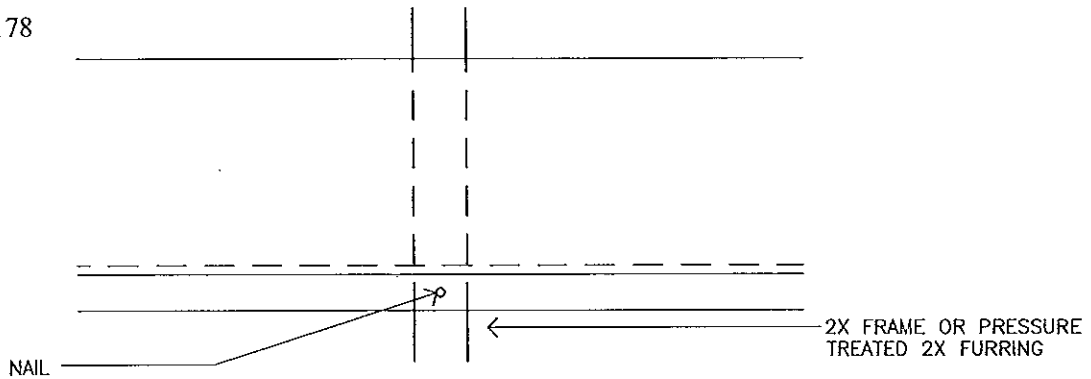
FRAME WALL DETAIL
 6/12/14
 SCALE 3" = 1'-0"
 Sheet 3 of 5

TRAP-LOC® SIDING
 U.S. PATENT 7,712,277 B2
 FURRING ATTACHMENT CHART
 & WOOD FRAMING CHART



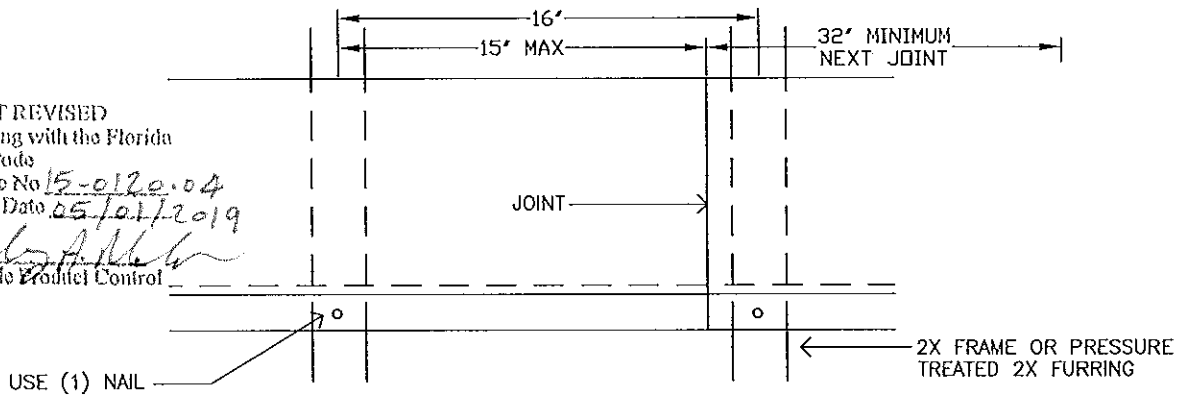
FARLEY ENGINEERING, LLC.
 Consulting Engineer #40111 - CA28108
 8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958
 (772) 589.6229 (772) 589.2296 fax

Manufacturer:
 Aljoma Lumber, Inc.
 10300 NW 121 Way
 Medley, Florida 33178

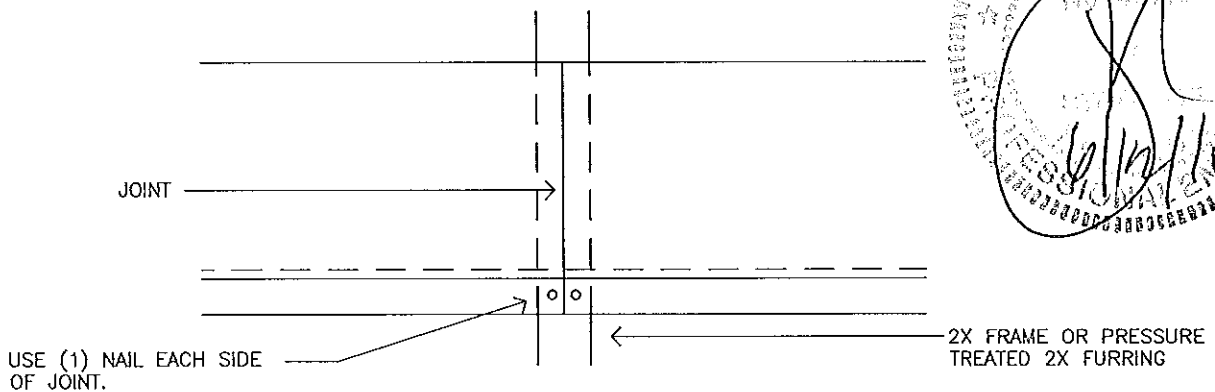


TYPICAL TRAP-LOC® SIDING ATTACHMENT TO 2X
 FURRING OR 2X FRAME

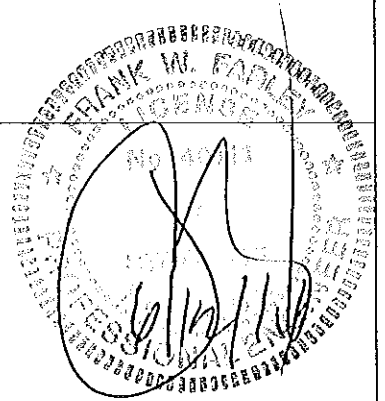
PRODUCT REVISED
 to comply with the Florida
 Building Code
 Acceptance No. 15-0120-04
 Expiration Date 05/01/2019
 By *[Signature]*
 Miami Dade Product Control



* BUTT JOINTS BETWEEN
 FRAMING & FURRING DO
 NOT HAVE TO BE NAILED.
 AT BUTT JOINTS USE
 AN ADHESIVE CAULK



TYPICAL TRAP-LOC® ATTACHMENT AT VERTICAL JOINT ALL
 WIND SPEEDS AND EXPOSURES SHOWN ON CHART PAGE 3 OF 5



FRAME WALL DETAIL

6/12/14

SCALE 3" = 1'-0"

Sheet 4 of 5

TRAP-LOC® SIDING
 U.S. PATENT 7,712,277 B2
 FURRING ATTACHMENT
 & WOOD FRAMING

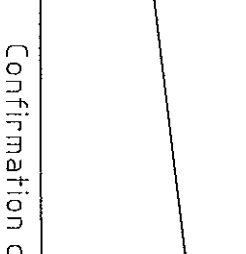
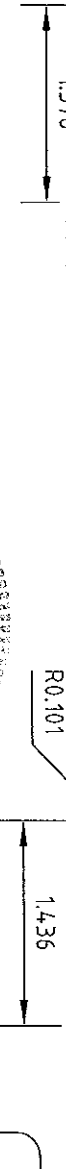
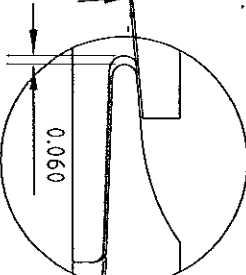
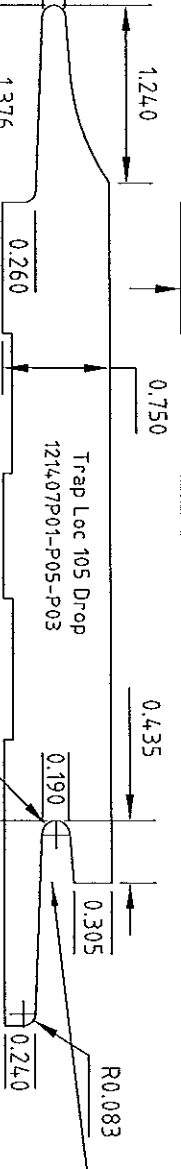
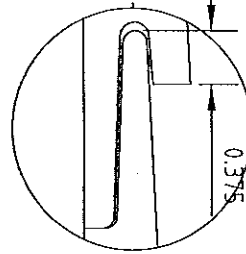
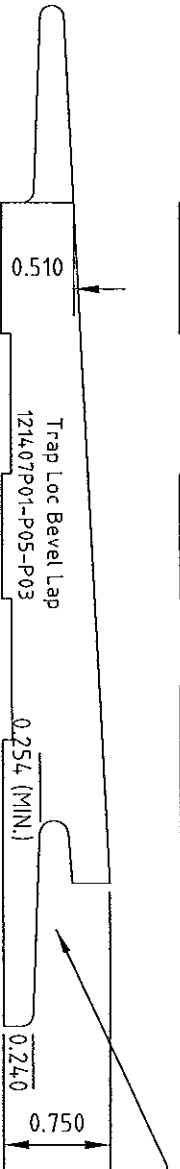
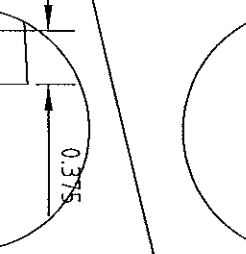
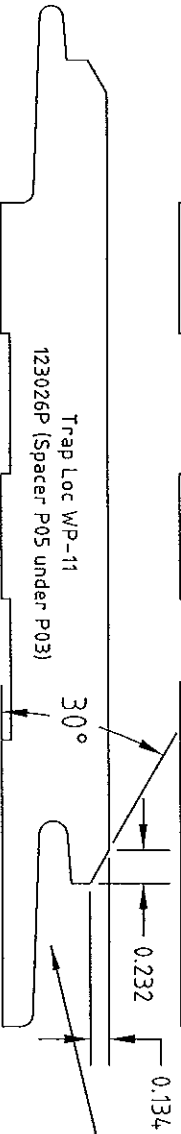
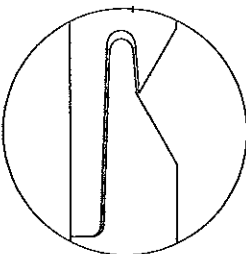
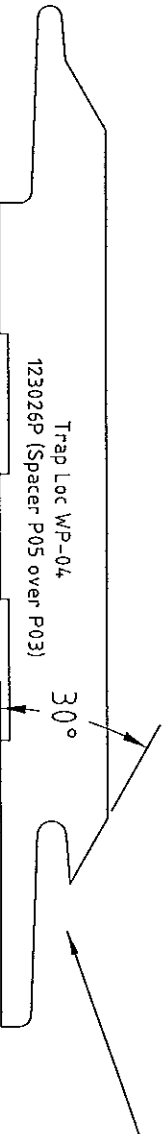
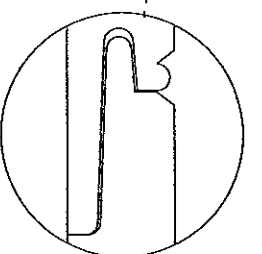
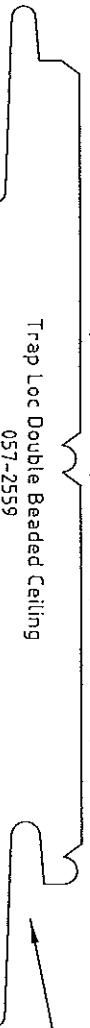
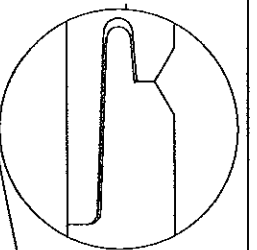
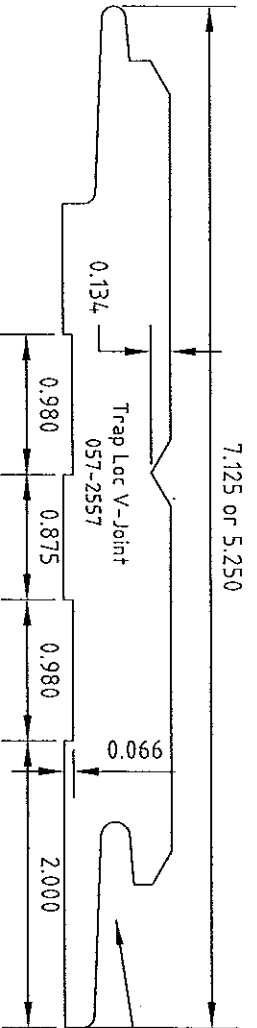


FARLEY ENGINEERING, LLC.

Consulting Engineer #40111 - CA28108
 8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958
 (772) 589.6229 (772) 589.2296 fax

7.125 or 5.250

Aljoma Lumber, profile name or number
Trap Loc Profiles



FARLEY ENGINEERING LLC

Consulting Engineer #40111 - CA28108

8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958

(772) 589.6229 (772) 589.2296 fax



Sheet 5 of 5

Confirmation drawing (Part list assembly)

Machine	Target rpm	Tool maximum rpm	Vc rim speed	Target feed	Chip load	Machine max. weight	Tool body material
<p>NG</p> <p>NAPGLADU</p> <p>Tel: Local (450) 460-4481 1-800-363-9117 Fax: Local (450) 460-2655 1-888-660-2655</p>							
<p>Sent to: Aljoma Lumber 117133</p> <p>Salesman: Glenn Beyke (JMB)</p>				<p>Designer: Francis Bergeron</p> <p>Wood profiles</p> <p>Quote #: 121407</p> <p>Date: 06-12-2014</p> <p>Revision #: 1</p>			

PRODUCT ISSUED
as complying with the Florida
Building Code
Acceptance No 15-0120-04
Expiration Dec 04/01/2019
By *Heidi H. H. H.*
Miami: Deeds Editor Control